



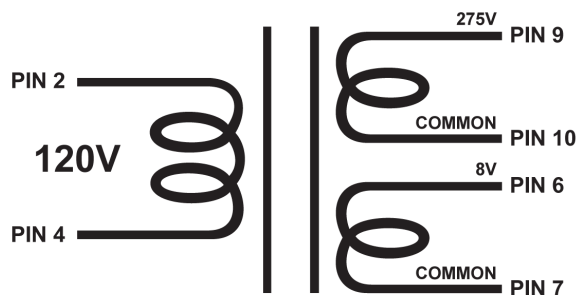
XPWR242-120

Type: Tube Power Transformer

Primary: 120V, 60Hz.

Secondary: 275V@75mA & 8V@1.5A

Schematic



Image

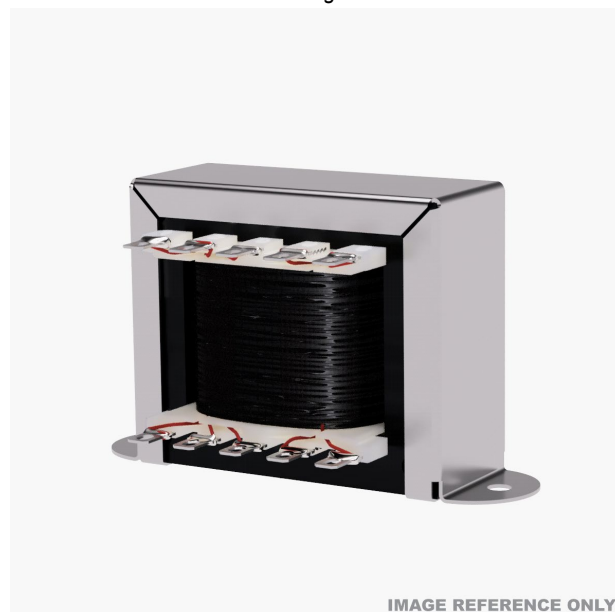


IMAGE REFERENCE ONLY

Specifications:

Total Volt Amperes: 32.625VA

Primary: 120V, 60Hz.

Primary Current: 0.285A

Primary DCR: 14.363Ω

Primary inductance: 2.342H

Secondary Voltages: 275V, 8V

Unloaded Voltages: 288.997V, 8.304V

Secondary Currents: 0.075A, 1.5A

Secondary DCR: 124.221Ω, 0.206Ω

Winding Config: Layer Wound

Core Stack Interleave (1x1)

Dielectric Strength: 2500Vrms

HIPOT Pri.-Sec.: 2000Vrms

120V Temp. Rise: 84.77°F (29.31°C)

Temperature Range: -40°F (-40°C) to 221°F (105°C)

Leakage Inductance: 0.006H

Efficiency: 91%

Regulation: 10.74%

Compliance: REACH & REACH & CMRT

Country of Origin United States

Harmonized System Code: 8504.31.2000

Physical

Core Size: EI087 x 1in.

Dimensional Drawing: 15000-EI087-100-01H

Weight: 1.6 lbs.

Bobbin

Material: Nylon 6/6 GF-30

Flammability Rating: Class-HB

Magnet Wire

Material: Nylon coated unrecycled solid copper wire.

Core Material

Material: M6 29 ga. grain oriented lamination steel.

Coil Finishing Wrapper

Material: Polyester film/Non-woven tape.

Secondary Insulation

Material: Clear air dry polyester electrical varnish.

Hardware

Mounting: Channel

Orientation: Horizontal

Terminations

Material: 0.1875 in. (3/16) quick disconnects spade terminals

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